

Contractor UPDATE

August 23
No: 202307

Bauder Blue Roof Installation Process

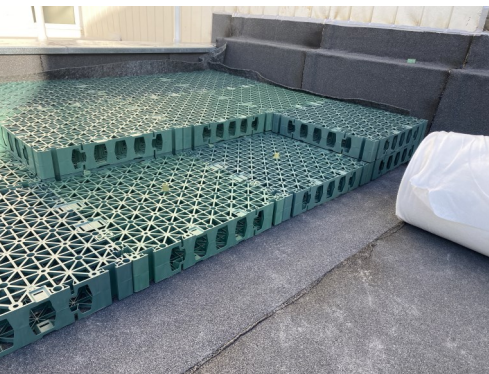
As the demand for Blue Roofs continues to increase in the UK, the Bauder Blue Roof System has become more mainstream.

To meet the requirements, Bauder is refining both the system range and the process for the installation.

The points below are considered to be best practice and are required on every blue roof project.



Reduce penetrations as much as possible



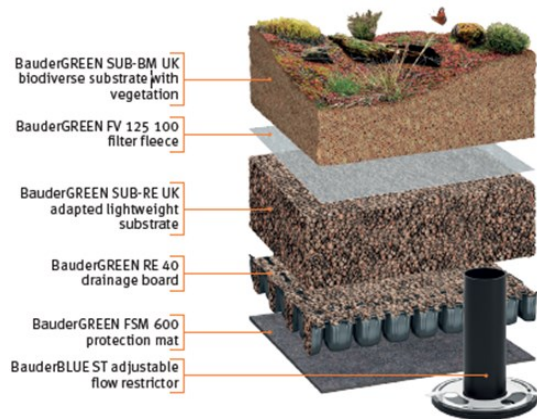
Simply click the RWR cells together



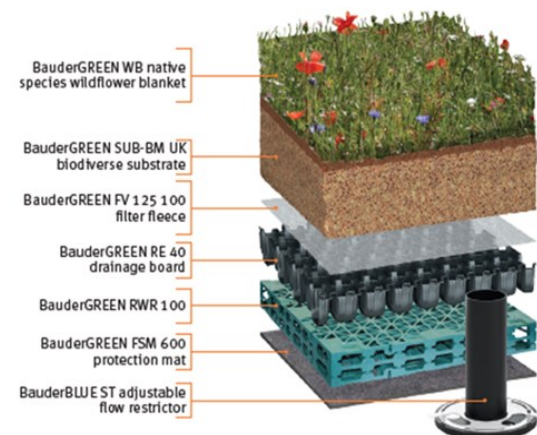
Encapsulate the cells with FV 125 fleece

1. There should always be a prestart meeting with the Main Contractor, Roofing Contractor and Bauder, to discuss the labour, detailing, sequencing of works, inspections required, prior to works starting on site.
2. The specification states that “all penetrations must be fitted during the installation (no later than the underlay stage)”. Any penetration after the completion of the roof would be flagged as a non-conformity and highlighted in the final inspection.
3. The Blue Roof installation process needs to be carried out by experienced and fully approved Bauder operatives. Only fully approved operatives will be allowed to install the blue roof system.
4. Adequate interim inspections of the waterproofing installation must be carried out to ensure the entire roof area has been signed off prior to fitting the blue roof elements.

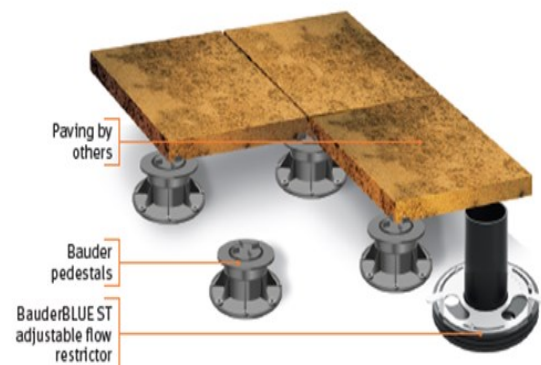
Bauder's blue roof systems enable cold, warm and inverted blue roofs to be installed



**STORMsub – Green Blue roof
(high ecological value)**



**STORMcell – High Capacity High Load storm
water retention**



STORMvoid – Simple low cost blue roofs

(high levels of ballast maybe required for inverted blue roof systems)

It is important that all parties understand the key design considerations with installing blue roofs.

Bauder have flagged:

- Reduce or remove penetrations during design phase, to reduce the risks associated with intricate detailing.
- Blue roofs can be designed to zero degree roof falls, providing that there are no back falls.
- The design must include a provision to address any areas on the roof that need to be levelled to prevent or treat back falls.
- There must be adequate overflows to allow the roof to drain should the flow restrictor outlets become blocked.
- The blue roof outlets must be clearly marked and easy to access.
- The building owner should be made aware of the need to have a clearly defined inspection and maintenance.

Please feel free to contact me and discuss if you have any questions.

Chris Roddick, Green Roof Product Manager

Email: c.roddick@bauder.co.uk

Tel: 07525 991 594